INDUSTRIAL COMPONENT DATA

SAC-3P-M 8MS/3,0-PUR/M12FR 4-2 1419838 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M 8MS/3,0-PUR/M12FR 4-2

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M 8MS/3,0-PUR/M12FR 4-2
Catalog number	1419838
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-F3BB1FA0AD
Generated	2026-11-18

Product Overview

Sensor/actuator cable
Sensor/actuator cable, halogen-free PUR, greyish black RAL 7021, Straight M8 connector, to Elbowed Female M12

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Industrial Field Connectivity (IFC)

Additional Product Information

Key Commercial Data
Orderkey 1419838
Packing unit 1
GTIN 4055626189444
Custom tariff number 85444290
General
Rated voltage 48 V AC
60 V DC
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation Li9Y11Y-HF
UL AWM style 20549
Conductor cross section 3x 0.25 mm²

AWG signal line 24
Conductor structure signal line 32x 0.10 mm
Core diameter including insulation 1.17 mm ±0.02 mm
Thickness, insulation >= 0.21 mm (Core insulation)
Wire colors brown, blue, black
Overall twist 3 wires, twisted
Length of twist, overall twist 40 mm
External sheath, color black-gray RAL 7021
Outer sheath thickness approx. 0.5 mm
External cable diameter D 3.6 mm ±0.15 mm
Smallest bending radius, fixed installation 18 mm
Smallest bending radius, movable installation 36 mm
Number of bending cycles 10000000
Bending radius 44 mm
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 10 m/s²
Cable weight 18 kg/km
Outer sheath, material PUR
Material conductor insulation PP
Conductor material Bare Cu litz wires
Insulation resistance >= 100 G?*km (at 20 °C)
Conductor resistance <= 78 ?/km (at 20 °C)
Nominal voltage, cable <= 300 V
Test voltage, cable >= 3000 V
Special properties Flexible cable conduit capable
Silicone-free
Free of substances which would hinder coating with paint or varnish
Flame resistance in accordance with UL 758/1581 FT2
DIN EN 60332-2-2 (20 s)
Halogen-free in accordance with DIN VDE 0472 part 815
Resistance to oil in accordance with DIN EN 60811-2-1
Other resistan...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M 8MS/3,0-PUR/M12FR 4-2 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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